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- X12-E02B

PA - (TEIJ) TEIJIN LTD

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PR - JP19940024223 19940222; JP19930175317 19930715

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XIC - B29B-017/00 ; B29K-105/26 ; C08G-069/32 ; C08J-011/08 ; C08L-077/10 ;
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AB - J07286061 Prodn. of an aramid dope comprises: contacting a moulded article contg. an aramid fibril with an amide solvent; and subjecting at least aramid fibril in the moulded article to dissolution in the amide solvent.

- Also claimed are (i) the prepn. process thereof, where only the aramid fibril is made to dissolve in the solvent; and (ii) prepn. process of an aramid fibril by a wet process from the aramid dope as obtd. above.

- USE - Aramid fibril obtd. is useful as raw materials for aramid sheets for electric insulants, honeycomb structure materials, and heat resistant containers.

- ADVANTAGE - The process can provide an aramid dope with low cost by making effective use of scraps, and waste papers, occurring in a prepn. process flow of moulded articles contg aramid fibril. The dope can be used without problems for producing moulded articles such as fibrils, fibres, and films. Severe dissolution conditions (high temp., high pressure, salt addition) such as needed to dissolve aramid fibre are unnecessary and degradation and decomposition of the aramid are avoided.

- (Dwg.0/0)

IW - PRODUCE ARAMID DOPE WASTE MOULD ARTICLE CONTAIN ARAMID FIBRIL CONTACT
MOULD ARTICLE ARAMID SOLVENT SUBJECT ARAMID FIBRIL PARTICLE DISSOLVE
AMIDE SOLVENT

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AMIDE SOLVENT

NC - 001

OPD - 1993-07-15

ORD - 1995-10-31

PAW - (TEIJ) TEIJIN LTD

TI - Prodn. of aramid dope from waste of moulded articles contg aramid fibril - by contacting a moulded article with aramid solvent and subjecting e.g. aramid fibril in the particle to dissolution in the amide solvent